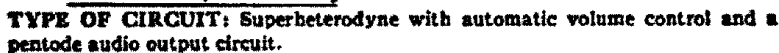


MODEL 38-89, Code 125



| POWER SUPPLY: | Voltage | Frequency       | Consumption |
|---------------|---------|-----------------|-------------|
|               | 115     | 50 to 60 cycles | 65 watts    |
|               | 115     | 25 to 40 cycles | 65 watts    |
|               | 115/220 | 50 to 60 cycles |             |

Different transformers are required for operation on the frequencies listed above. They are shown on the parts list.

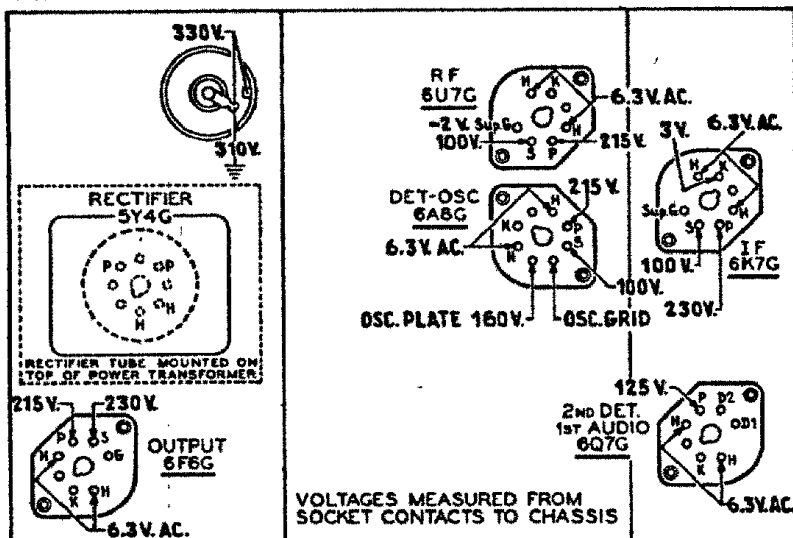
**TUNING RANGES)** Two—Range one 530 to 1650 K. C.  
Range two 1500 to 3700 K. C.

**INTERMEDIATE FREQUENCY: 470 K. C.**

**TONE CONTROL:** Two positions.

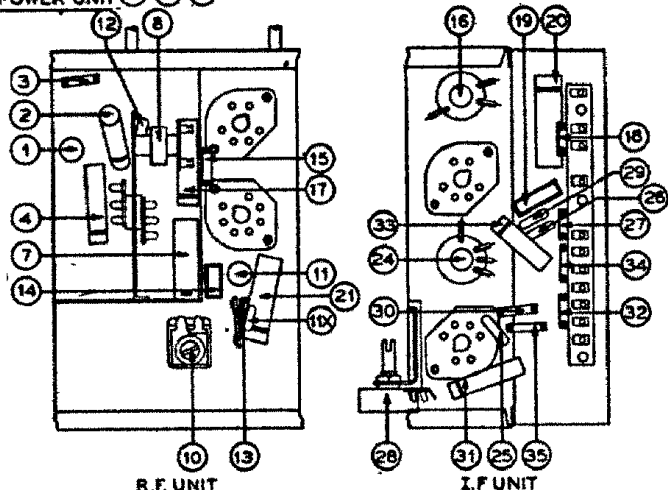
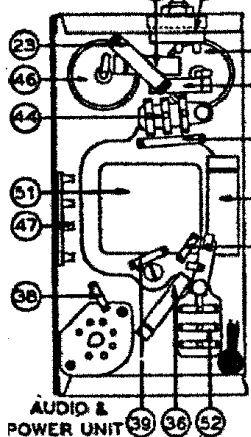
**SPEAKERS:** Type S in B cabinet.  
Type HS in K cabinet.

**UNDISTORTED OUTPUT: 3 watts.**



**Fig. 1. Socket Voltages under side of chassis**

The voltages indicated by arrows were measured with a Philco 826 Circuit Tester which contains an accurate voltmeter. Volume control at minimum, range switch in broadcast position, line voltage 115 A. C.



**Fig. 4. Part Locations, underside of chassis.**